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CONFIRMATION NO. 4732

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|----------------------------|---------------------------------------|--------------|------------------------|--------------------------------------|
| SERIAL NUMBER<br>10731,596 | FILING DATE<br>12/09/2003<br><br>RULE | CLASS<br>700 | GROUP ART UNIT<br>2121 | ATTORNEY DOCKET<br>NO.<br>PAVT016US1 |
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## APPLICANTS

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## \*\* CONTINUING DATA \*\*

This appln claims benefit of 60/431,821 12/09/2002

yes (TP)

## \*\* FOREIGN APPLICATIONS \*\*

NONE (TP)

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 03/15/2004

|   |                           |                         |                          |                            |
|---|---------------------------|-------------------------|--------------------------|----------------------------|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no   | STATE OR<br>COUNTRY<br>TX | SHEETS<br>DRAWING<br>12 | TOTAL<br>CLAIMS<br>34 32 | INDEPENDENT<br>CLAIMS<br>3 |
| 35 USC 119 (a-d) conditions met<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance |                           |                         |                          |                            |
| Verified and Acknowledged<br>Examiner's Signature: <u>[Signature]</u> Initials: _____   |                           |                         |                          |                            |

## ADDRESS

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## TITLE

System and method of applying adaptive control to the control of particle accelerators with varying dynamics behavioral characteristics using a nonlinear model predictive control technology

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|------------------------------------|---|---|
| FILING FEE<br><br>RECEIVED<br>1022 | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |
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